



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PCT-235	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/JP2005/012143	International filing date (day/month/year) 24/06/2005	(Earliest) Priority Date (day/month/year)
Applicant KAYABA INDUSTRY CO., LTD.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1
☒ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No.

10/590203

PCT/JP2005/012143

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

IAP9 Rec'd PCT/PTO 22 AUG 2006

In a hydraulic driving device for an operating machine, when an output value of an operating device (7) is in a first predetermined range, a pump (3) is stopped and each of an open and closed valve (5) and a hydraulic control valve (6) is closed. When the output value goes beyond the first predetermined range, the pump is started and the open and closed valve is opened. When the output value goes beyond a second range greater than the first predetermined range, the hydraulic control valve is opened to supply a hydraulic fluid to an actuator (2).

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2005/012143

A. CLASSIFICATION OF SUBJECT MATTER

B66F9/22 F15B11/04 F15B21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B66F F15B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 100 21 821 A1 (LINDE AG) 8 November 2001 (2001-11-08) paragraphs '0027! - '0033!, '0041!; figure 1	1
A	DE 199 18 039 A1 (STEINBOCK BOSS GMBH FOERDERTECHNIK) 26 October 2000 (2000-10-26) column 2, line 62 - column 4, line 29; figure	1
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 06, 22 September 2000 (2000-09-22) -& JP 2000 081905 A (KAYABA IND CO LTD), 21 March 2000 (2000-03-21) cited in the application abstract paragraph '0010!; figure 2	1



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

9 March 2006

Date of mailing of the international search report

16/03/2006

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/JP2005/012143

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10021821	A1	08-11-2001	NONE	
DE 19918039	A1	26-10-2000	NONE	
JP 2000081905	A	21-03-2000	JP 3494897 B2	09-02-2004